

**"DIZZY" appearing
Feb. 17, at Kresge;
Sponsored by '62.**

Coming to Kresge, on Wednesday, February 17th, will be John Gillespie, one of the best known jazz horn players in the country.

This appearance at MIT is sponsored by the class of 1962 and tickets will go on sale on the first day of the Spring Term. Prices are \$1, \$1.50 and \$2 reserved. The show will be put on the air by WTBS.

Learned From Father

John "Dizzy" Gillespie first learned to play the trumpet and the trombone from his father. Later he won a scholarship to Laurinburg Institute in North Carolina, where he studied harmony and theory.

By 1937 he has founded his own "Dizzy" cult and toured Europe and the U. S. with Teddy Hill and a group of musicians. In the ensuing years, he held down a variety of jobs, each contributing to his musical growth



Dizzy Gillespie

and development. But it was not until 1945, when he began touring the country with his first big band that his fame spread . . . first among the jazzophiles and then with the general public. In '52 and '53 he visited Europe with a quintet, and his music caught immediate attention. With his beret, glasses, the famed goatee and tilted trumpet he was greeted with ovation wherever he appeared. His technical facility on the trumpet and his ingenious arrangements are vastly admired — critically and popularly.

**Jerrold Zacharias
In Child Conference**

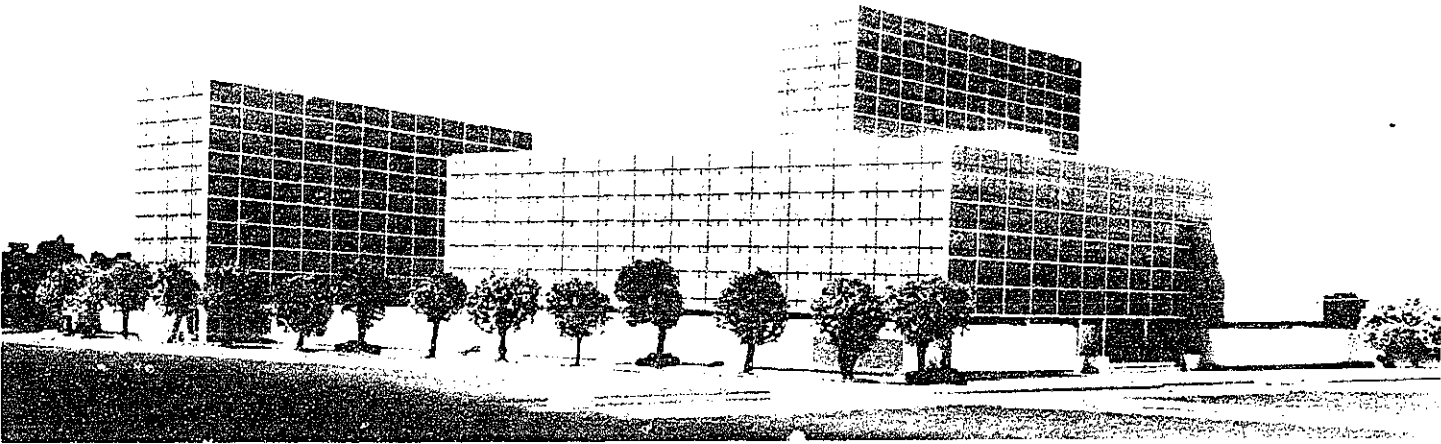
Dr. Jerrold Zacharias, of the Physics Department, is one of the thirty-five scholars who have collaborated in the preparation of three volumes of background information for the Golden Anniversary White House Conference on Children and Youth, to be held March 27 to April 2, 1960. Dr. Zacharias has also worked with the Physical Science Study Committee.

Dr. Zacharias' study is entitled "The Age of Science" and is one of thirty-one studies included in the volumes called *The Nation's Children* being published especially for the Conference by Columbia University Press. These volumes will be utilized by the 7,000 participants of the Conference when they gather in Washington next spring to discuss the whole range of problems facing the country's young people and offer recommendations for action.

Prior to the Conference, which was begun in 1909 by President Theodore Roosevelt and called every ten years since by succeeding Presidents, the volumes will be available from the Golden Anniversary White House Conference on Children and Youth, 330 Independence Avenue, S.W., Washington 25, D. C., at a special pre-Conference price of \$6.00 plus postage and handling, in paperback edition. The post-Conference price, in cloth-bound edition, will be \$13.50 for the three volumes.

The purpose of the 1960 White House Conference is to "promote opportunities for children and youth to realize their full potential for a creative life in freedom and dignity". Preparatory work is being done by 55 Governor-appointed committees in the states and territories and some 500 national organizations.

**\$15 Million Industrial Research Center
Planned for Area Behind East Campus**



Architect's model of the new research center to be built on the Rogers Block development area.

Plans for a \$15,000,000 industrial research center, to be built in the eastern part of Cambridge, adjacent to the MIT campus, have been announced.

The center, which may ultimately exceed 1,000,000 square feet of floor space, will be constructed through a unique collaboration of city authorities, MIT, and Cabot, Cabot & Forbes Co., Boston development firm which has built some of the nation's outstanding industrial parks. Work on the 14-acre site next to MIT is scheduled to start within a few months.

The announcement was made jointly by Dr. James R. Killian, Jr., Chairman of the MIT Corporation; Gerald W. Blakely, Jr., President of Cabot, Cabot and Forbes, and Paul R. Coreoran, Chairman of the Cambridge Redevelop-

ment Authority.

Plans are made for four tall buildings and associated one and two-story buildings with modern parking facilities and technical shop facilities. This property when developed will be tax-paying and eventually will provide a substantial increase in the Cambridge tax base. Located on Main Street, the Center will be half way between Central and Kendall Squares, within easy walking distance of MIT and the Kendall Square subway station.

The site will consist, in part, of the 5-acre Rogers Block, cleared of tenements and other buildings two years ago after it was taken over by the Cambridge Redevelopment Authority with the assistance of Federal and city funds.

**Mendes-France
Here Tonight**

Pierre Mendes-France, internationally known French statesman, will be a guest speaker here tonight, in Kresge Auditorium, at 8:00 P.M.

Now on a speaking tour of American and Canadian colleges, M. Mendes-France will appear at MIT under the auspices of the political science section of the Department of Economics and Social Science. His talk, entitled "The Great Economic and Political Problems on the Eve of the Summit," will be open to the public without admission charge.

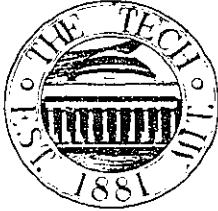
Well known in France as a lawyer, economist, author, scholar and statesman, M. Mendes-France served as Premier for seven months and 17 days in 1954. He has served as a deputy in the French Parliament, and has been active in many political affairs. During World War II, he was head of the French delegation to the Bretton Woods Conference.

Sabicas to Perform



Sabicas, the master Flamenco guitarist, is appearing in Kresge Auditorium tomorrow night at 8:30.

The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX No. 48 CAMBRIDGE, MASSACHUSETTS, FRIDAY, JANUARY 8, 1960 5 Cents

Honored at AAAS Meeting

Dr. Draper Wins Proctor Award

Dr. Charles S. Draper was awarded the William Proctor Prize for Scientific Achievement at the annual meeting, on December 29, of the American Association for the Advancement of Science.

Dr. Draper is the Director of the Instrumentation Laboratories and Head of the Department of Aeronautics and Astronautics. The \$1,000 award, presented at a luncheon held by the Scientific Research Society of America (RESA) and Sigma XI, honorary science fraternity as part of the AAAS conference, in Chicago, is given annually to a distinguished natural scientist in recognition of notable accomplishment in scientific research or in the administration of such research.

Following the Award, Dr. Draper, often called "the father of inertial guidance", spoke on, "The Inertial Gyro — An Example of Basic and Applied Science", explaining how the MIT Instrumentation Laboratories performed in its role of the nation's leading installation for research and development of advanced inertial guidance systems.

Dr. Draper spoke in detail of the extreme accuracy required in some of the sensitive gyroscopic units that are the heart of inertial guidance systems. In specific, Dr. Draper told of the development of the techniques required to produce macro-accurate gyro parts.

This RESA award comes at the end of a long list of honors for Dr. Draper.

**Seifert Promoted to
Assistant Dean**

Dean Gordon S. Brown has announced the appointment of Dr. William W. Seifert of the Electrical Engineering Department as Assistant Dean of the School of Engineering.

Dr. Seifert has been active in teaching, research and administration at MIT since 1944. Although continuing to teach, his primary responsibility in his new post will be providing liaison between the Dean's office and the faculty of the School of Engineering incidental to the Ford Foundation Program.

The Ford Foundation's grant of \$9,275,000 will make it possible for the School of Engineering to accelerate curriculum revisions which have been in progress for some years. The resultant expansion in the activities of the Dean's office has made Dr. Seifert's appointment necessary.

**Dr. Adler to Lecture
In Kresge Monday**

Dr. Mortimer J. Adler, philosopher and author, will speak here on Monday, January 11, in room 10-250, at 5 P.M., presented by the Lecture Series Committee.

Presently director of the Institute for Philosophical Research in San Francisco, Dr. Adler was for many years associated with the Great Books, a project he conceived jointly with Robert Hutchins, former President of the University of Chicago. Published by the University of Chicago, this 54-volume set of 443 books covered the significant contributions to 30 centuries of Western thought. Dr. Adler also directed the compiling of the Syntopicon, a two-volume index of Great Ideas contained in the Great Books.

Except for his famous *How to Read a Book*, most of Dr. Adler's research and writing has been in the fields of psychology and philosophy. Among his works are: *Dialectic, Diagrammatics, What Man has Made of Man, Art and Prudence* and *St. Thomas and the Gentiles*.

**Beaver Key Elects Three
Juniors Projects Planned**

Three juniors have been elected to Beaver Key this term. They are Jerry Grossman, Jack Klapper, and Ted Jarman. Commenting on why they were "overlooked", Beaver Key president Ira Jaffee said that "some people do an awful lot in their junior year."

Among the projects scheduled by the Key for this year are the Basketball, a Field Day report, and care and feeding of athletes. The Beaver Key policy of a cider-and-doughnut party for home and visiting teams after a game has been extended for the first time to crew, pistol, and rifle squads, and all freshman teams.

The report on this year's Field Day is presently being compiled. Jaffee reports that the comments received have so far been "generally favorable."

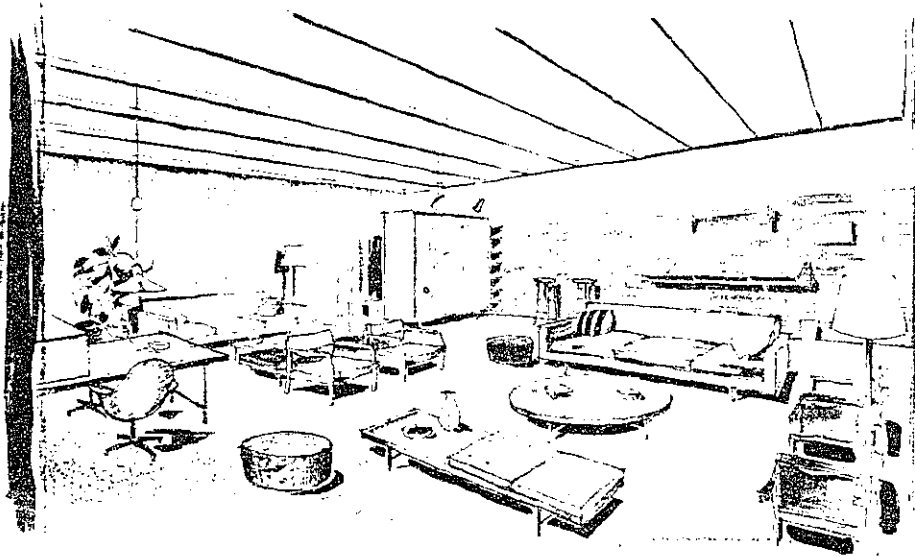
Olive Barnard Mem. Room Soon to be Dedicated

The Dean of the School of Industrial Management recently announced the forthcoming completion of the Olive Barnard Memorial Room for Undergraduates.

This room, to be located in the Sloan Building, is a gift of the Course XV graduates to perpetuate the memory of Olive Barnard, who was for many years the department secretary and came to be known as a loyal friend and wise counselor to all those in Course XV. When she died in 1957, the Alumni of Course XV set up a Memorial Fund. After the collection of well over \$11,000, William L. Stewart '23, and Hugh S. Ferguson, '23, were named co-chairmen of a committee for the creation of the room.

This room is to serve as a meeting and relaxation place for undergraduates in the Sloan Building, as well as a home for Industrial Management Association. The room, located off the first floor main lobby, is being decorated by the Boston firm of Roach and Craven. The room will include such things as a lowered ceiling, comfortable sitting areas for reading or small meetings, a free-standing closet, book shelf, and magazine rack, a completely curtained wall, original paintings, and double glass doors.

The furniture will be upholstered in fabrics of good quality and excellent durability in bright colors to go with the colorful motif of the room. It is hoped that the room will be dedicated soon.



Interior of Olive Barnard Memorial Room for Undergraduates

Research Row Grows

The new Cambridge Industrial Center, to be built by MIT in cooperation with Cabot, Cabot, and Forbes and the city of Cambridge, is another advance in the great complex of industrial research facilities that have grown up around the MIT campus. It is unusual for an educational institution to participate in a project of this nature, since its purpose is industrial rather than educational. However, the reputation of the Institute as a university of science is in a large part a result of its extensive industrial and governmental research program. The new Center, like the Research Row on Memorial should further contribute to this reputation.

This development is also a step toward better relations with the city of Cambridge, which has had fears of being engulfed by the spread of MIT and Harvard, whose property is tax-free. With this new, taxable improvement, we look forward to a lessening of the enmity which has traditionally existed between the citizens of Cambridge and MIT students.

To the undergraduate, probably the greatest direct result of the Center will be an improvement in the aesthetic outlook in East Campus. Nevertheless, the student can take pride in this advance in the research facilities surrounding the campus.

kibitzer

Dealer — South
Neither side vulnerable

S—Q 6 4
H—J 10 6 3
D—6
C—A 9 6 5 3

S—5 3
H—A 8 5 2
D—K J 9
C—K 10 4 2

N
W E
S

S—K J 9 8
H—9
D—Q 7 5 4 2
C—Q 8 7

S—A 10 7 2
H—K Q 7 4
D—A 10 8 3
C—J

BIDDING

S	W	N	E
1 Spades	Pass	2 Clubs	Pass
2 Hearts	Pass	2 Spades	Pass
2 N T	Pass	3 Hearts	Pass
3 Spades	Pass	4 Hearts	Pass
Pass	Pass		

Opening lead — Two of Clubs

South opened the bidding logically enough with his highest four card suit, and North responded two clubs, a slight overbid; but one no trump was bad because of the singleton diamond, and North had to say something. South showed his other major, and North bid two spades for some reason, perhaps because he had a heart in with his diamonds, or possibly because he hadn't been getting enough sleep. South bid two no trump, not wanting to play spades if North should have only three trumps. North then woke up, rearranged his hand, and bid three hearts. South became confused.

South felt that North's bidding was inconsistent, but knew that if he bid three spades, there was still the chance to play the hand at three no trump. North, now keenly aware of the situation, bid four hearts, realizing that when a four-four fit in a major suit is found, the suit contract is usually superior to no trump.

West, slightly bewildered by the bidding, elected to lead dummy's original suit rather than lead from his diamond holding. South surveyed the situation and concluded that a cross-ruff was needed and so did not draw trump. The ace of clubs was taken and another club ruffed. The ace of spades and ace of diamonds were cashed and a diamond trumped in the dummy.

Two clubs and a diamond later, South led his last diamond. West was down to four hearts and a spade, while East kept three spades and two diamonds, having unintelligently trumped the fourth club in the hope of uppercutting declarer. West now trumped with the ace of hearts while declarer happily sloughed a losing spade from dummy. The spade return let East make his king, but declarer had the three remaining tricks by a cross-ruff using the king, jack, ten of hearts — thus making an overtrick.

West does better to return a heart instead of a spade after trumping with the ace. Declarer now gets only two high trumps at the end and does not make the overtrick. West does best by not trumping with the ace of hearts in the first place. South then has two spade losers and must eventually lose two trump tricks for down one — not a surprising result, as North-South had only twenty-one points in high cards.

James R. Chalfant, '60

Finn Videro

In the opening concert of the MIT Department of Humanities series of organ recitals in Kresge Auditorium, Finn Videro, Danish organist and visiting professor of music at Yale University, presented a program of works by Buxtehude, Walther, Couperin, and Bach. While the inclusion

of some modern compositions in this all baroque program would have been welcome, the selections were interesting, and, on the whole, quite appealingly performed by Mr. Videro.

The Buxtehude Canzona in C Major was by all odds the most successful work of the evening. A very delicately woven composition, the Canzona provides ample opportunity for most intriguing voicings in the middle and upper registers, the regions in which the Kresge Auditorium organ is most outstanding.

The familiar Bach Toccata and Fugue in D Minor was, unfortunately, much less satisfactory. Works of this magnitude seem to demand too much of the Kresge organ. In particular, the very low register seems often to degenerate into a loud buzz in heavy passages. This was most distracting in the recurring bass notes after the opening bars of the Toccata.

Mr. Videro himself proved to be a most competent organist, bringing out the inner voices with remarkable clarity, and crisply negotiating most of the fast passages. There were, however, quite a few missed notes noticed during the performance. This could have been due simply to the difficulties inherent in playing an unfamiliar instrument, or it perhaps could have been a manifestation of what might be called the Artur Rubinstein school of keyboard technique, in which the performer strives (often quite successfully) to catch up the audience in the drive and intensity of the music, and lets the individual notes fall where they may. On the whole, though, this was a most engaging and worthwhile performance, and made an excellent opening concert for the organ series.

Jed

college world

To cheer you as finals sneak up on us, we quote this letter which appeared in the Notre Dame Scholastic:

Dearest Tommy,
I can't thank you enough for the simply fantabulous time I had last weekend. Everything was just so super that I can't describe it. Dancing with you is so divine anyway, but with those scrumptious surroundings and glorious music it was just too wonderful.

I hope your black-eye is healed by now, and you know how sorry I am about it. I guess I just lost my head when you tried to kiss me good-night, because you know I wouldn't bit you with my shoe even though I don't approve of kissing when we've only known each other for these few short months.

You aren't mad at me for not going to the Victory Dance with you, are you? I mean I just simply forgot for a minute about you when that other guy asked me, and I couldn't back out then, could I? He said that you probably had a lot of studying to do anyway, so I hope you're not angry, Tommy dear.

Well dearest, thank you again for a divine weekend. I simply can't wait for you to come home at Christmas. You're on my mind every moment of the day and I wouldn't dream of dating anybody but you even though my mother forces me to go out with Herbie Blat so much that the kids at school think we're going steady when we're really just good friends. Good-bye for now my love, I must run and answer the phone.

*All my love forever,
etc.*

Things are bound to get better.

The Tech

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FLAMENCO FESTIVAL
KRESGE AUDITORIUM

Saturday Eve., January 9, 8:30 P.M.

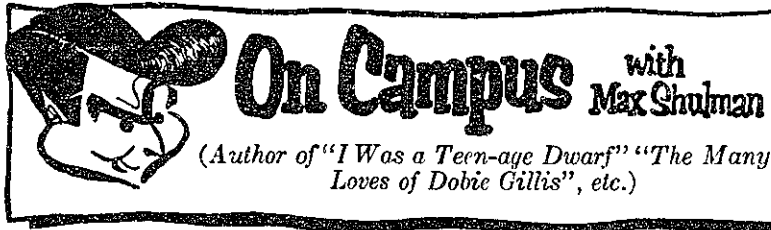
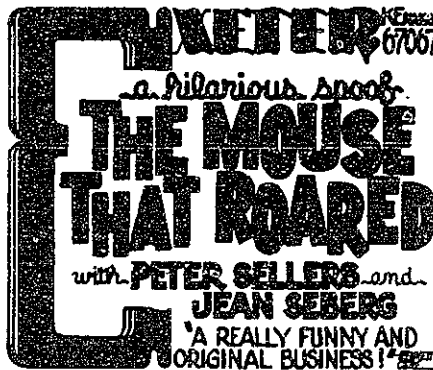
Tickets: \$1.00, \$1.50, \$2.00

All Seats Reserved

Reservations must be paid for by 8:00 P.M.

• UNIVERSITY •

Harvard Sq. UN 4-4580
Continuous Daily From 1:30
Now—Ends Saturday
ROCK HUDSON — DORIS DAY
"PILLOW TALK"
3:00 6:10 9:25
"EDGE OF ETERNITY"
1:30 4:45 8:00
Sunday — "A SUMMER PLACE"



"LITTLE STORIES WITH BIG MORALS"
First Little Story

Once upon a time a German exchange student from old Heidelberg came to an American university. He lived in the men's dormitory of the great American university. He was a fine, decent young man and all the other young men in the dormitory of the great American university tried very hard to make friends with him, but, unfortunately, he was so shy that he refused all their invitations to join their bull sessions. After a while his dormitory mates got tired of asking him and so the poor German exchange student, alas, spent every evening alone in his room.

One night while sitting all alone in his room, he smelled the most delicious aroma coming from the room next door. Conquering his shyness, he walked to the room next door and there he saw a bunch of his dormitory mates sitting around and discussing literature, art, culture, and like that. They were all smoking Marlboro cigarettes, which accounts for the delicious aroma smelled by the German exchange student.



Timidly, he entered the room. "Excuse me," he said, "but what is that marvelous smell I smell?"

"It's our good Marlboro cigarettes," cried the men, who were named Fun-loving Ned, Happy Harry, Jolly Jim, and Tol'able David.

So the German exchange student took a Marlboro and enjoyed those better makin's, that finer filter, that smooth, hearty flavor, and soon he was comfortable and easy and lost his shyness.

From that night forward, whenever he smelled the good smell of Marlboro cigarettes, he always went next door and joined the bull session.

MORAL: WHERE THERE'S SMOKE, THERE'S MEYER

Second Little Story

Once upon a time there was an Indian brave named Walter T. Muskrat who had a squaw named Margaret Giggling Water. Margaret was sort of a mess but she sure could make beaded moccasins. Every day she whipped up a brand-new pair of beaded moccasins for Walter, which were so gorgeous that all the Indian maids on the reservation grew giddy with admiration.

Well, sir, Margaret got pretty tense about all the girls making eyes at Walter and one night they had a terrible quarrel. Walter flew into a rage and slapped her on the wrist, whereupon she started crying like all get-out and went home to her mother and never came back.

"Good riddance!" said Walter, but alas, he soon found out how wrong he was, for the Indian maids were not really interested in him, only in his moccasins, and when he stopped showing up with a new pair every day they quickly gave him the yo-heave-ho. Today he is a broken man, sitting all alone in his tepee and muttering ancient Ute curses.

MORAL: DON'T FIGHT THE HAND THAT BEADS YOU

Third Little Story

Once there was a lion which was a very quiet lion. In fact, the only time it ever made a sound was when it had a toothache.

MORAL: WHEN IT PAINS, IT ROARS

© 1960 Max Shulman

The makers of Marlboro would like to point a moral too: Nothing ventured, nothing gained. Try a pack of Marlboros or Marlboro's sister cigarettes—Philip Morris and Alpine—and gain yourself a heap of pleasure.

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Tickets: \$3 & \$2.20
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KE 6-2412
JORDAN HALL

Lord Gives Organ Recital Sunday

Robert S. Lord, organist and professor of music at Davidson College, Davidson, N. C., will give an organ recital, in the MIT Chapel, this Sunday afternoon (January 10) at 4 P.M. A native of Marblehead, Mr. Lord is a graduate of Dartmouth College and Yale University. He studied with both Andre Marchal and Jean Langlais in Paris, and gave the world premiere performance of Langlais' "Modal Pieces" a selection from which he will present at the MIT concert.

The complete program will be as follows:
Three Easter Hymns
(from the Buxheim Organ Book)
Four Verses on the Hymn
"Ave Maris Stella"
Prelude and Fugue in G Minor
Second Suite for Organ
"Come Savior of the Heathen"
Prelude and Fugue in E Minor
("The Wedge")
Three Modal Pieces (1956)
The concert is open the public without charge.

Chamber Concert in Kresge January 17

Beethoven's "Quartet in A Minor, Opus 132" will be the featured presentation of the distinguished Paganini Quartet, in Kresge Auditorium, on Sunday afternoon, January 17. Other works included in the program are "Quartet in C Major, K. 465" by Mozart, and "Five Pieces, Opus 5" by Anton Webern.

The Paganini Quartet, well-known to Boston audiences through their Jordan Hall concerts, will be making their first appearance in Kresge. The quartet is composed of Henri Temianka, first violin; Charles Libove, second violin; David Schwartz, viola; and Lucien Laporte, cello.

The concert, which will begin at 3 P.M., is a selection of the MIT Humanities Series. Tickets (\$1.75) may be obtained from the Music Office.

BRATTLE THEATRE
Harvard Square

THE MYSTERY OF
PICASSO

5:30 7:30 9:30

THE GREAT TRAIN ROBBERY

The Tech Model Railroad Club was almost the victim of the greatest train robbery in campus history last New Year's Eve. A grad student member, Dave Sawyer, was alone at the club premises in Building 20, when two "urchins" from Roxbury came in, asking to see the layout. After they had looked around for a while, Dave noticed that they were gone, as well as three locomotives which had been on the layout. After a thrilling chase, the urchins were trapped on the platform of the Kendall subway station, and the police were called from the token booth. Two of the locomotives were recovered from the urchins' bulging pockets, the third having disappeared. It was subsequently found a few hundred feet down the subway tracks, having suffered only a bent exhaust stack in being thrown there. It was returned to the club by the police.

Dave Sawyer was subsequently named Chief of Police of Gifford City, a thriving metropolis on the club's railroad.

Grant from Alumnus H. N. Slater, '15, Makes Possible Air Transportation Study

The air age may have given way to the space age in the dreams of America's youth, but the headaches of aircraft as our fastest-growing form of transportation have only begun.

A new program designed to help solve some of them is gaining headway here at MIT under a grant from H. Nelson Slater, '15, an industrial executive and World War II flying boat pilot.

Yesterday, under a program made possible by Mr. Slater's gift, Professor Ross A. McFarland, director of the Guggenheim Center for Aviation Health and Safety in the Harvard School of Public Health, led the eight in a series of flight transportation seminars for MIT students and staff.


Earlier speakers in this Fall's series have included William Littlewood, vice president of American Airlines; Jerome Lederer, of the Flight Safety Foundation; and William Cook of the Boeing Airplane Company.

Douglas to Speak

Donald W. Douglas, President of the Douglas Aircraft Company is scheduled to speak in the seminar series, on March 7.

The expanding program for education in flight transportation will include fellowships for graduate study at MIT, in the field of air transport, nearly forgotten at many schools in the excitement of supersonic missiles and space craft, as will the year-long series on the key problems in flight transportation.

СКОРОСТЬ ЗВУКА В ВОЗДУХЕ—330 МЕТРОВ В СЕКУНДУ



↓


SPEED SOUND IN AIR—330 METERS PER SECOND

Automatic translations from Russian to English

Recently, an experimental word-processing machine demonstrated conversion of a page of Russian to English in 10 seconds. The electronic devices of the future will not only make dictionary references automatically, but will also analyze syntax and semantics to provide a functional English translation.

This kind of work, now being explored at IBM, requires widely diverse talents and skills. People with backgrounds in business administration, liberal arts, engineering, mathematics and the sciences are making their valuable contributions. An observer might consider many of these people astonishingly young. But youth is no barrier at IBM, where advancement has always been based on performance.

Diversity of work and advancement based on performance are advantages a younger person will find important in selecting a career.



For information about career opportunities at IBM, contact your Placement Director to find out when our interviewers will next visit your campus. Or call or write the Manager of the nearest IBM office. International Business Machines Corporation.


NOTICE

Due to a delay in the publication of the MIT Telephone Directory, the eight fraternity extensions scheduled to change numbers on December 15th will be changed instead at the time of distribution of the new directory.

CLUB 60

Club 60, the official honorary and highly esteemed drinking society of the class of 1960, will hold its first meeting of the year 1960, this Saturday afternoon, from 4:30 to 6:00 at the Deke House. Members of the class of 1960 who have been neglecting their bound duty to attend these highly informative, educational, and entertaining assemblies are urged to make every effort to be there.

Self. Help Pays

 525,000 Savings Bank Life Insurance policy-holders know the rewards of taking the FIRST STEP — going to their Savings Bank for information; liberal, early, cash and loan values; yearly dividends; wide choice of plans — lowered selling costs because you go direct. For free rate folders, impartial advice, ask here.

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WTBS

PROGRAM SCHEDULE

Friday	
5:00 P.M.	Caravan
6:00	Jazz
7:00	Fiesta
8:00	Baton Society
8:50	News
9:00-2:00	Nite Owl
Saturday	
5:00 P.M.	Jazz
7:00	Show Music
8:50	News
9:00-2:00	Nite Owl
Sunday	
4:00 P.M.	Sunday Serenade
7:00	Folk Music
8:00	Jazz
8:50	News
9:00-1:00	Classical Music
Monday	
5:00 P.M.	Caravan
6:00	Jazz
7:00	Bob Nagro Show
8:00	Potpourri
8:30	Campus News
8:50	News
9:00-1:00	Classical Music

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Hockey Team Beaten By NH 14-2; Face Wesleyan Saturday At Home

The Beaver icemen went down to defeat at the hands of a strong New Hampshire hockey team just prior to the Christmas recess. When the third period ended, the final tally read 14-2 against MIT.

The match got off to a slow start as MIT had had only a few practice scrimmages before the game and the players were feeling their way cautiously. New Hampshire took their time and sized up the Beavers pretty carefully. Then, as the first period of play went into the final ten minutes, NH unleashed an unbelievable attack, scoring seven goals. Midway through this scoring farce John Costello, '62, was pulled out of the goalie position and replaced by Timothy O'Brien, '62.

Scanlon Scores

The Beavers recovered in the second period and improved their brand of hockey enough to hold NH to four goals, while scoring two for Tech. The first goal, by Bill Scanlon, '61, came on a quick pass out from behind the net. A short time later, using the same play, Steve Levy, '62, scored the second goal.

The third period of the contest was relatively uneventful, with New Hampshire scoring three goals. The Beavers finished playing at a good pace and appeared to have recovered from the first period's surprise attack.

35 MIT Saves

The game, for New Hampshire, was characterized by good skating and a strong defense. The MIT icemen had good goal tending and a strong offense, but the defense appeared to be weaker than last year. In the course of the game, the MIT goalies made thirty-five saves as compared to fifteen for New Hampshire.

Captain George Kirk, '60, was out for most of the game with an injured knee but was replaced by the able forward Sid Altman, '60. George Lerner proved to be a tough competitor at the wing position.

IM Basketball Finals in Progress

Phi Delta Theta joined the list of finalists in the Intramural Basketball Tournament with a thrilling 21-20 victory over Delta Tau Delta. The game, which was played to determine the League V playoff representative, was a saw-saw affair that wasn't decided until the final minute of play.

In the opening playoff encounter, a fired up Senior House squad defeated Beta Theta Pi by a score of 47-41. The Beta's Warren Goodnow, '59, topped all scorers with 20 points. Don Shernoff, '60, led the victors with 15 points. He was closely followed by teammate Bill Grinell, '61, who scored 13.

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(see below)

Dear Dr. Frood: Every night for the past two weeks I've dreamt that I am being pursued by a beautiful girl in a Bikini who wants one of my Luckies. Just as she catches me, I wake up. How can I prevent this?
Puzzled

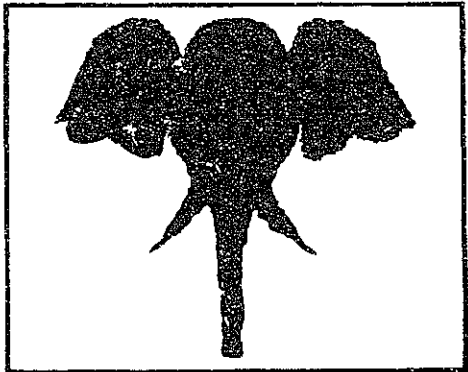


Dear Puzzled: Go to bed a few minutes earlier.

Dear Dr. Frood: I am the ugliest guy on campus. My face looks like 90 miles of bad road. When I go to a party someone always steals my date. I worry about this. Can you help me?
Loveless

Dear Loveless: Take heart. Any girl who would go out with you isn't worth worrying about.

Dear Dr. Frood: I think this ink blot looks just like rabbit ears. My friends say I'm nuts. What think?
Bugs



Dear Bugs: It's your friends who are nuts. Those are clearly rabbit ears. And the long shape extending down is the rabbit's trunk.

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Dear Dr. Frood: I have invited three girls to the dance this Saturday. How do I get out of this mess?
Uptha Creek

Dear Mr. Creek: Tell two of them to dance with each other until you cut in.

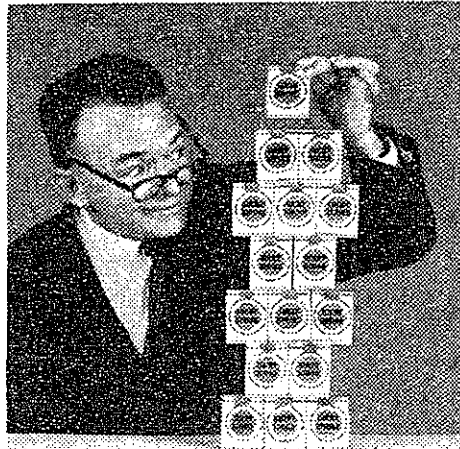
Dear Dr. Frood: I have been dating one girl but I am so good-looking and so popular that I have decided to spread myself around a little more. What should I do about this girl?
Dashing

Dear Dashing: Tell her the good news.

Dear Dr. Frood: My roommate always wears my clothes. What should I do?
Put Upon



Dear Put Upon: Cover yourself and stay indoors.



Dr. Frood, Ph.T.T.

Dear Dr. Frood: My mother and my brother don't like my boy friend, but my father and my sister do. His father and two brothers don't like me, but his mother and his other brother do. What should I do?
Miss Muddle

Dear Miss Muddle: Tell your father to talk to your mother and tell your sister to talk to your brother. Then tell your boy friend's mother to talk to his father and tell his brother to talk to his brothers. If that doesn't work, then talk to your mother and brother yourself. Maybe they know something you don't know.

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Tech Upsets Worcester

Varsity Cagers Win First Game

After suffering three straight set-backs, the MIT varsity basketball team rebounded with a 49-48 upset victory over previously unbeaten WPI, in a game played just prior to Christmas Vacation. The Engineers, trailing by as many as 10 points at the 12-minute mark of the second period, went on a scoring spree to tie the score at 46 all. Then with one minute remaining in the game Dave Koch, '62, sank the deciding basket to give the victory to MIT.

High men for the Beavers were Koch and Chuck Gamble, '62, with 13 points and Hugh Morrow, '60, with 10 points. Gamble also played an outstanding defensive game limiting Worcester's top scorer to just 9 points.

This Saturday evening, the MIT hoopsters will play host to the Coast Guard Academy. Judging from the varsity's last two performances; the win over WPI and a 63-59 loss to Bowdoin, Saturday's contest promises to be an exciting game.

Harvard Fencers Eke Out Victory

The varsity cavaliers tasted their first defeat of the season in a close, hard-fought match at Harvard, on December 16. The score was 15-12.

The foil team turned in the finest performance for MIT. It was victorious in six out of nine encounters, with Captain Sherman Karp, '60, triumphing in all three of his jousts and Jerry Yarbrough, '60, capturing two out of three.

The sabremen again shined as Karl Koepke, '60, took three victories to park them to a five to four lead over their Harvard counterparts. The big disappointment, as in the Bradford-Durfee match, was the epee team, which dropped eight of nine encounters.

This Saturday the cavaliers travel to Trinity, a team the Beavers defeated last year, 14 to 13. Very little is known about this year's Trinity squad.

The freshmen are just completing organization in preparation for their first match of the season. On Thursday, January 14, they play host to the Harvard frosh. There will be a return engagement in February.

On Deck

Friday, January 8	
Rifle with Vermont	6:30 P.M.
Varsity Hockey with Bowdoin	7:00 P.M.
Varsity Squash at Amherst	7:00 P.M.
Freshman Squash at Amherst	7:00 P.M.
Saturday, January 9	
Rifle with Army	10:00 A.M.
Indoor Track at Tufts with Northeastern	1:00 P.M.
Pistol at Army	2:00 P.M.
Fencing at Trinity	2:00 P.M.
Varsity Squash at Williams	2:00 P.M.
Varsity Swimming at Coast Guard	2:00 P.M.
Freshman Swimming at Gardner High	2:00 P.M.
Varsity Wrestling at Connecticut	2:00 P.M.
Freshman Wrestling with Scituate High	2:00 P.M.
Varsity Hockey with Wesleyan	7:00 P.M.

Freshman Hockey with Middlesex	2:45 P.M.
Freshman Basketball with Coast Guard	6:15 P.M.
Varsity Basketball with Coast Guard	8:15 P.M.
Freshman Squash at Brooks	3:00 P.M.

Skiers Hold First Practice

The MIT varsity skiers, who are defending champions of the New England Intercollegiate Skiing Conference, made a training trip to Middlebury, Vermont, during the recent Christmas Holiday. This was the only team practice before the first meet (Brown Invitational) on January 30, at Cranemore Mountain. Led by captain Ted Ansbacher and other returning stalwarts, the team looks forward to another successful season.

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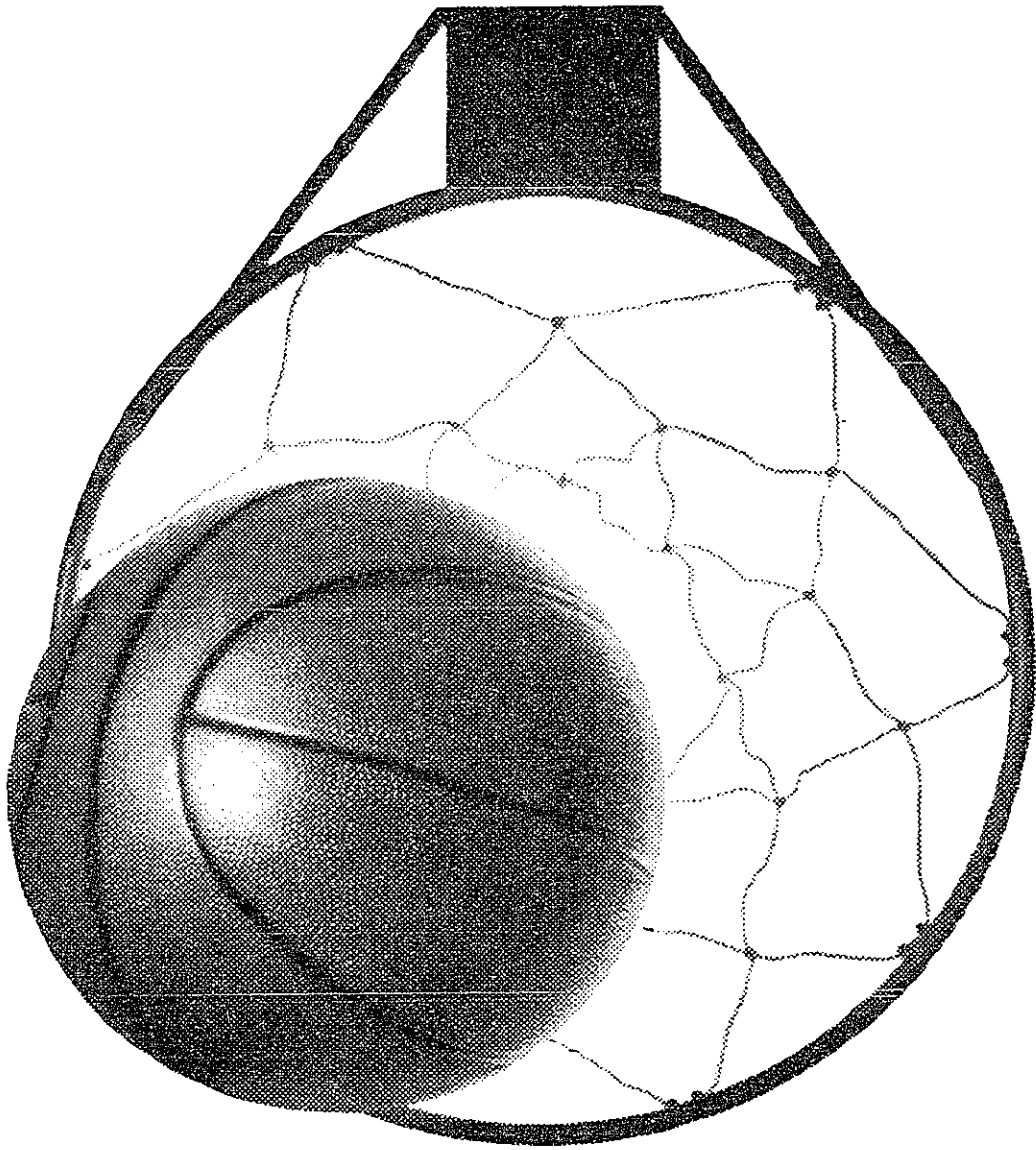
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Killian Cites Advantages of Center

(Continued from page 1)

An offer of \$320,000 was approved by the Authority last Saturday. Added to this will be the site of the Lever Brothers plant, which has been purchased by MIT and Cabot, Cabot & Forbes. The Lever factory buildings, obsolete and idle since October and not easily adaptable for industrial research, eventually will be razed to add 9 acres to the total area.

A new corporation is being formed by MIT and Cabot, Cabot and Forbes to own and to develop this project. Preliminary architectural plans have been completed, and the buildings are expected to make an attractive group, with plazas, courtyards, reflecting pools and landscaping.

In discussing the center, Dr. Killian, Mr. Blakeley and Mr. Corcoran pointed out that it would ultimately provide not only tax revenues for the city, but also would add further research facilities of some of the nation's great corporations to Cambridge's already famed "Research Row." These are the principal purposes for which MIT is participating in the project, according to Dr. Killian. The Institute does not plan to establish any of its own academic facilities in the Center.

"We at MIT are very happy to join forces with Cabot, Cabot and Forbes," Dr. Killian said. "Such a collaboration is perhaps unprecedented for an educational institution, but we believe that through it much can be accomplished. The new Center will eventu-

ally yield tax revenues which the city of Cambridge needs. It will contribute to the industrial vigor in the city and, in fact, in all New England." It will encourage research, which is so essential to industrial progress and fulfill the need which industry has long felt for closer liaison with the universities.

American Economic Assn. Elects Samuelson Veep

At the last meeting of the American Economic Association, in Washington, from December 27th to 30th, Professor Paul A. Samuelson, of the Department of Economics and Social Science was elected as First Vice-President of the Association. This means that he will be President-elect for 1961. Professor Samuelson is the author of that well-known textbook, "Economics", in use by students throughout the nation.

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ACROSS

1. There's nothing to it
5. Course in figures
9. Manners minus Mns.
10. It's an earthy plot
11. Those long black stockings
12. Binge, darn it!
13. Luscious Scandinavian import
15. Arrival (abbr.)
17. Sputnik path
19. Political cliques
21. You need a real —: Kools
26. Waker-upper
27. They go around in the movies
28. Kind of pitcher
30. Betsy, Barney, Harold, etc.
31. Part of USSR
33. Links blast-off spot
34. Kind of naut
37. Long-short-short foot
39. Kind of security for Goldlocks
41. Early in Brooklyn
44. Greek letter
45. He's a confused lion
46. Joint where skirts hang out
47. Kind of sack
48. Religious group
49. Benedict's first name

DOWN

1. —: Cliburn
2. Alone, without Al
3. Kind of revenue
4. Prof's bastion
5. Alma and her family
6. Bitter
7. Like not being asked to a Prom
8. There's one for every him
14. Loud talker or Oklahoman
15. Slightly open
16. A Harry Golden invention?
18. Where you appreciate Kools
20. Ribbed fabric
22. Adlai's initials
23. Outcome of a bird's nest
24. Club that should be happy
25. Sum's infinitive
29. — around, instrumentally
30. Late date
32. Kools have Menthol —
34. Gals don't give 'em right
35. She came to Cordura
36. Gladys is, mostly
38. Scandinavian joke?
40. Goddess of Dawn
42. It's for kicks
43. Proposal acceptance



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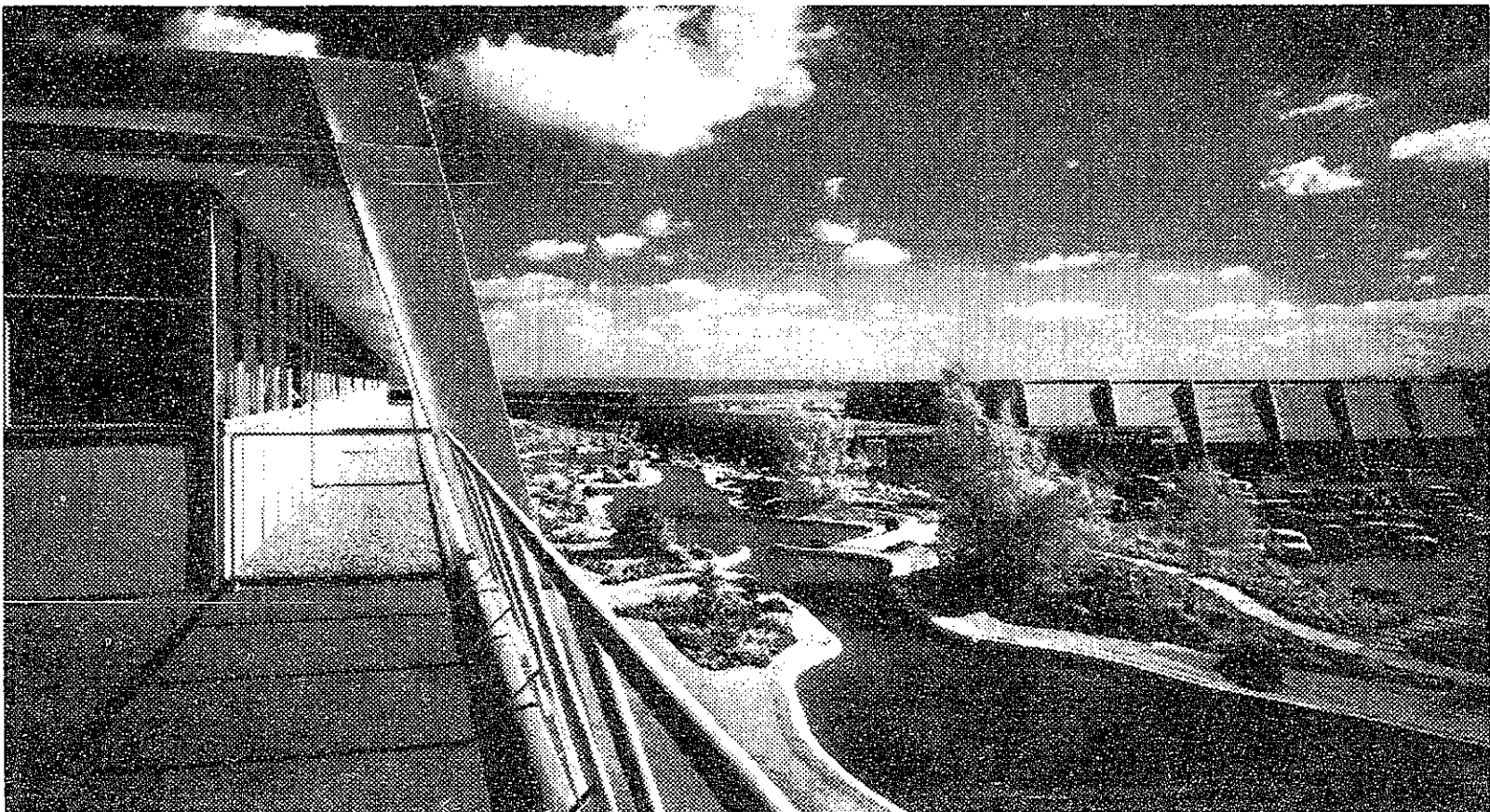
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Here, advanced work is underway on the High Temperature Gas-cooled Reactor (HTGR), which promises to be a major short cut to the nation's goal of economic nuclear power. The prototype HTGR plant will be constructed by 1963 for Philadelphia Electric Company and High Temperature Reactor Development Associates, Inc.

Here, engineers and scientists work in a creative atmosphere on other advanced programs, including the MGCR gas-cooled reactor and closed-cycle gas turbine system for merchant ship propulsion . . . TRIGA reactors for training, research, and isotope production, which are now being installed on five continents . . . small nuclear power systems . . . test reactors . . . nuclear power for space vehicles . . . thermoelectricity . . . controlled thermonuclear reactions.

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